

Title (en)
Attachment construction for earthworking implement

Title (de)
Befestigungsvorrichtung für ein Erdbearbeitungsgerät

Title (fr)
Structure de fixation pour un outil de terrassement

Publication
EP 0864697 A1 19980916 (EN)

Application
EP 98103956 A 19980305

Priority
US 81431397 A 19970310

Abstract (en)
A bracket (24) holds a detachable frame (48) attached to a bucket (20) or other tool. The bracket (24) mounts onto the arm (16) of the implement. The bracket (24) carries a latch member (41). The bracket (24) can be moved onto a frame (48) on a bucket (20) or other tool, and is latched in place without dismounting from the backhoe or excavator (10). The latch member (41) can be released, either manually or under power, and then by manipulating the arm (16), the tool (20) and frame (48) can be removed from the bracket (24) and a new tool mounted. The engaging portions of the frame (48) and bracket (24) are such that as wear occurs, the parts will compensate and remain secured without play or slop. <IMAGE>

IPC 1-7
E02F 3/36; **E02F 3/40**

IPC 8 full level
E02F 3/36 (2006.01); **E02F 3/40** (2006.01)

CPC (source: EP US)
E02F 3/3622 (2013.01 - EP US); **E02F 3/3627** (2013.01 - EP US); **E02F 3/364** (2013.01 - EP US); **E02F 3/3645** (2013.01 - EP US); **E02F 3/3686** (2013.01 - EP US); **E02F 3/40** (2013.01 - EP US); **Y10S 37/903** (2013.01 - EP US)

Citation (search report)

- [A] US 5098252 A 19920324 - SHEESLEY DONALD L [US], et al
- [A] EP 0672796 A1 19950920 - GROUPE PEL JOB [FR]
- [A] EP 0321902 A1 19890628 - ZEPF HANS RUDOLF
- [A] GB 2040262 A 19800828 - BEALES STEEL PROD
- [A] GB 2068332 A 19810812 - PINGON PIERRE JOSEPH
- [A] EP 0637649 A2 19950208 - GROUPE PEL JOB [FR]

Cited by
AU723305B1; US2021388573A1; US11913189B2; WO0196672A1

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EP 0864697 A1 19980916; AU 5394198 A 19980910; AU 740734 B2 20011115; CA 2229250 A1 19980910; CA 2229250 C 20041026; US 5974706 A 19991102; US 6154989 A 20001205

DOCDB simple family (application)
EP 98103956 A 19980305; AU 5394198 A 19980213; CA 2229250 A 19980211; US 39970999 A 19990921; US 81431397 A 19970310